EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	104700	(sensor or scan$4 or read$4 or bar adj code or glyph adj code) near (read$4 or scan$$) (tag or barcode or patch or glyph or interface or identif$5) near7 (position or orienttion or angle or palce or section) and (rusman.inv. or silverbrook.inv. or lapston. inv. or walsmley.inv.)	USPAT	OR	OFF	2009/07/05 21:29
S2	334916	(sensor or scan$4 or read$4 or bar adj code or glyph adj code) near4 (read$4 or scan$$) (tag or barcode or patch or glyph or interface or identif$5) near7 (position or orienttion or angle or palce or section) and (rusman.inv. or silverbrook.inv. or lapston. inv. or walsmley.inv.)	USPAT	OR	OFF	2009/07/05 21:30
S3	334264	(sensor or scan$4 or read$4 or bar adj code or glyph adj code) near4 (read$4 or scan$4) (tag or barcode or patch or glyph or interface or identif$5) near4 (position or orientlon or angle or place or section) and (rusman.inv. or silverbrook.inv. or lapston. inv. or walsmley.inv.)	USPAT	OR	OFF	2009/07/05 21:31
S4	20	(sensor or scan$4 or read$4 or bar adj code or glyph adj code) near4 (read$4 or scan$4)near5 (tag or barcode or patch or glyph or interface or identif$5) near4 (position or orientlon or angle or place or section) and (rusman.inv. or silverbrook.inv. or lapston.inv. or walsmley.inv.)	USPAT	OR	OFF	2009/07/05 21:32
S5	1	"6529881".pn.	USPAT	OR	OFF	2009/07/07 12:53
S6	368	(red or light or illuminat$4 or laser or flourescent) near5 (doucment or paper or sheet or manuscript or film or transparency) near4 (detect$4 or ccd or determin$4 or deci$7 or analy$6 or measur$4) near (quant$6 or amaount$2 or measur$7 or value or level or threshold or signal or data) near4 (hue or chrom$5 or color$4 or ticture or red or green or blue or balck adk white or (grey or gray) adj (scale or value) or multi adj (level or value))	USPAT	OR	OFF	2009/07/10 11:44
S7	360	(red or light or illuminat$4 or laser or flourescent) near5 (docuent or paper or sheet or manuscript or film or transparency) near4 (detect$4 or ccd or determin$4 or deci$7 or analy$6 or measur$4) near5 (quant$6 or amaount$2 or measur$7 or value or level or threshold or signal or data) near4 (hue or chrom$5 or color$4 or ticture or red or green or blue or black adj white or (grey or gray) adj (scale or value) or multi adj (level or value))	USPAT	OR	OFF	2009/07/10 11:49
S8	431	(red or light or illuminat$4 or laser or flourescent) near5 (document or paper or sheet or manuscript or film or transparency) near4 (detect$4 or ccd or determin$4 or deci$7 or analy$6 or measur$4) near5 (quant$6 or amount$2 or measur$7 or value or level or threshold or signal or data) near4 (hue or chrom$5 or color$4 or tincture or red or green or blue or black adj white or (grey or gray) adj (scale or value) or multi adj (level or value))	USPAT	OR	OFF	2009/07/10 12:09
S9	313	S8 and (control$4 or process$4 or adjust$4 or chang$5 or correct$5 or modif$8) near4 (quant$6 or amount$2 or measur$7 or value or level or threshold or signal or data) and (quant$6 or amount$2 or measur$7 or value or level or threshold or signal or data)near4 (hue or chrom$5 or color$4 or ticture or red or green or blue or black adj white or (grey or gray) adj (scale or value) or multi adj (level or value))	USPAT	OR	OFF	2009/07/10 12:09
S10	118	S8 not S9	USPAT	OR	OFF	2009/07/10 13:18
S11	2	S9 and sakai.inv.	USPAT	OR	OFF	2009/07/10 13:30
S12	1	"20030095183"	USPAT	OR	OFF	2009/07/13 14:05
S13	6	(plural$4 or many or different or other or second or third or secondary or reverse) near3 (read$4 or sensor$4 or ccd or photo adj (detect$4 or diode or cell) or imager) near4 (density) same (monochrom$4) and @ad< "20070613"	USPAT	OR	OFF	2009/07/13 16:04
S14	29	(subtract$4 or minus or differen$4 or compar$7) near4 density near5 (monochr$8)with (read$4 or imag$4 or ccd or photo near3 (cell or diode or sensor) or sensor)	USPAT	OR	OFF	2009/07/13 16:07
S15	14968	(color or hue or tincture or tint or red or green or blue) near6 (intensity or lumin$7 or bright$4)near3 (light or illuminat or led or flouresc$6)	USPAT	OR	OFF	2009/07/13 16:11
S16	32	(plural$4 or many or different or other or second or third or secondary or reverse) with (read$4 or sensor$4 or ccd or photo adj (detect$4 or diode or cell) or imager) with (density) same (monochrom$4) and @ad<"20070613"	USPAT	OR	OFF	2009/07/13 16:11

S17	1	S15 and S16	USPAT	OR	OFF	2009/07/13 16:12
S18	29	(subtract$4 or minus or differen$4 or compar$7) near4 density near5 (monochr$8)with (reader or imag$4 or ccd or photo near3 (cell or diode or sensor) or sensor)	USPAT	OR	OFF	2009/07/13 16:27
S19	215	(sens$4 or read$4 or scan or ccd or imager or camera) near4 (document or film or original or manuscript or paper or page or sheet) and (document or film or original or manuscript or paper or page or sheet)near5(roller or convey$5 or feed$4 or fed$4 or advnace or mov$4) and (display or shoe or monitor or view or screen) near4 (different or multiple or many or plural) near5 (manuscripts or pages or papers or files or jobs or documents) and @ad<"20060309"	USPAT	OR	OFF	2009/07/13 20:37
S20	0	(sens$4 or read$4 or scan or ccd or imager or camera) near4 (document or film or original or manuscript or paper or page or sheet) and (document or film or original or manuscript or paper or page or sheet)near5(roller or convey$5 or feed$4 or fed$4 or advnace or mov$4) and (display or shoe or monitor or view or screen) near4 (different or multiple or many or plural) near5 (manuscripts or pages or papers or files or jobs or documents) and @ad<"20060309" and kim.inv.	USPAT	OR	OFF	2009/07/13 21:20
S21	217	(sens$4 or read$4 or scan or ccd or imager or camera) near4 (document or film or original or manuscript or paper or page or sheet) and (document or film or original or manuscript or paper or page or sheet)near5(roller or convey$5 or feed$4 or fed$4 or advnace or mov$4) and (display or shoe or monitor or view or screen) near4 (different or multiple or many or plural) near5 (manuscripts or pages or papers or files or jobs or documents)	USPAT	OR	OFF	2009/07/13 21:39
S22	18	(sens$4 or read$4 or scan or ccd or imager or camera) near4 (document or film or original or manuscript or paper or page or sheet) and (document or film or original or manuscript or paper or page or sheet)near5(roller or convey$5 or feed$4 or fed$4 or advnace or mov$4) and (display or shoe or monitor or view or screen) near4 (different or multiple or many or plural) near5 (manuscripts or pages or papers or files or jobs or documents) and (358/1.15,1.18,501,505,514,400,401,471,474,496,498,497.ccls. or 399/16,17,316,363,365,379,388.ccls. or 271/3.01,3.13,3.17,8.1.ccls.)	USPAT	OR	OFF	2009/07/13 21:45
S23	1	"7120910".pn.	USPAT	OR	OFF	2009/07/14 11:24
S24	735	358/496.ccls.	USPAT	OR	OFF	2009/07/15 00:40
S25	491	(sens$4 or read$4 or scan or ccd or imager or camera) near4 (document or film or original or manuscript or paper or page or sheet) and (document or film or original or manuscript or paper or page or sheet)near5(roller or convey$5 or feed$4 or fed$4 or advanc$4 or mov$4) and (display or show or monitor or view or screen) near4 (different or multiple or many or plural) near5 (manuscripts or pages or papers or files or jobs or documents) and @ad<"20060309"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/15 00:50
S26	1	(sens$4 or read$4 or scan or ccd or imager or camera) near4 (document or film or original or manuscript or paper or page or sheet) and (document or film or original or manuscript or paper or page or sheet)near5(roller or convey$5 or feed$4 or fed$4 or advanc$4 or mov$4) and (display or show or monitor or view or screen) near4 (different or multiple or many or plural) near5 (manuscripts or pages or papers or files or jobs or documents) and @ad<"20060309" and (358/496,498,497.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/07/15 00:52
S27	431	(red or light or illuminat$4 or laser or flourescent) near5 (document or paper or sheet or manuscript or film or transparency) near4 (detect$4 or ccd or determin$4 or deci$7 or analy$6 or measur$4) near5 (quant$6 or amount$2 or measur$7 or value or level or threshold or signal or data) near4 (hue or chrom$5 or color$4 or ticture or red or green or blue or black adj white or (grey or gray) adj (scale or value) or multi adj (level or value))	USPAT	OR	OFF	2009/07/17 00:21
S28	16	S27 and (control$4 or process$4 or adjust$4 or chang$5 or correct$5 or modif$8) near4 (quant$6 or amount$2 or measur$7 or value or level or threshold or signal or data) and (quant$6 or amount$2 or measur$7 or value or level or threshold or signal or data)near4 (hue or chrom$5 or color$4 or ticture or red or green or blue or black adj white or (grey or gray) adj (scale or value) or multi adj (level or value)) and (358/2.1,509,520,517,518,505.ccls. or 396/205.ccls. or 355/408.ccls. or 356/381.ccls. or 209/580.ccls.)	USPAT	OR	OFF	2009/07/17 00:21
S29	16	S27 and (control$4 or process$4 or adjust$4 or chang$5 or correct$5 or modif$8) near4 (quant$6 or amount$2 or measur$7 or value or level or threshold or signal or data) and (quant$6 or amount$2 or measur$7 or value or level or threshold or signal or data)near4 (hue or chrom$5 or color$4 or ticture or red or green or blue or black adj white or (grey or gray) adj (scale or value) or multi adj (level or value)) and (358/2.1,509,520,517,518,505.ccls. or 396/205.ccls. or 355/408.ccls. or 356/381.ccls. or 209/580.ccls.)	USPAT	OR	OFF	2009/07/17 00:22

S30	2	S27 and (control$4 or process$4 or adjust$4 or chang$5 or correct$5 or modif$8) near4 (quant$6 or amount$2 or measur$7 or value or level or threshold or signal or data) and (quant$6 or amount$2 or measur$7 or value or level or threshold or signal or data)near4 (hue or chrom$5 or color$4 or ticture or red or green or blue or black adj white or (grey or gray) adj (scale or value) or multi adj (level or value)) and sakai.inv.	USPAT	OR	OFF	2009/07/17 00:23
S31	227	(ccd or sensor or camera or read$4 or scan$4) near7 (light or illumination or led or irradiation or laser) near3 (array or line or source or uniform$6 or homogenizer or diffus$4 or light adj (pipe or rod)) near7 (lens or optic) near8 filter and @ad<"20050324"	USPAT	OR	OFF	2009/07/18 13:38
S32	4	(ccd or sensor or camera or read$4 or scan$4) near7 (light or illumination or led or irradiation or laser) near3 (array or line or source or uniform$6 or homogenizer or diffus$4 or light adj (pipe or rod)) near7 (lens or optic) near8 filter and @ad<"20050324" and (358/509,510,513,514,475,480,484.ccls. or 399/4,5.ccls. or 313/372.ccls. or 351/213.ccls)	USPAT	OR	OFF	2009/07/18 13:41
S33	221	(ccd or sensor or camera or read$4 or scan$4) near7 (light or illumination or led or irradiation or laser) same (glossy or intensity or transparent or opaque or diffract$4) same (spectral or color or hue or tincture or tint or chrom$6) and (358/509,510,513,514,475,480,484.ccls. or 399/4,5.ccls. or 313/372.ccls. or 351/213.ccls or 358/520,530,477,482.ccls. or 348/67,68,131,132,798.ccls.)	USPAT	OR	OFF	2009/07/18 22:24
S34	0	(ccd or sensor or camera or read$4 or scan$4) near7 (light or illumination or led or irradiation or laser) same (glossy or intensity or transparent or opaque or diffract$4) same (spectral or color or hue or tincture or tint or chrom$6) and (miyaka.inv. or Nikaya.inv. or "tsumura.inv")	USPAT	OR	OFF	2009/07/18 22:37
S35	112	(Conver$5 or sensor or ccd or ic or photoconversion or photoelectric)with (array or elements) with (switch$4 or gat$5 or select $4) with (channel or line or common) with (reference or reset or clear or potent$5 or voltage)same (shift adj reg$7 or delay or retard or pause)	USPAT	OR	OFF	2009/07/19 23:46
S36	145	(Conver$5 or sensor or ccd or ic or photo adj conversion or photo adj electric)with (array or elements) with (switch$4 or gat$5 or select$4) with (channel or line or lead or common) with (reference or reset or clear or potent$5 or voltage)same (shift adj reg$7 or delay or retard or pause or (sr or jk)adj flip adj flop or flip adj flop or register)	USPAT	OR	OFF	2009/07/19 23:48
S37	35	S36 not S35	USPAT	OR	OFF	2009/07/19 23:49
S38	22	(Conver$5 or sensor or ccd or ic or photo adj conversion or photo adj electric)with (array or elements) with (switch$4 or gat$5 or select$4) with (channel or line or lead or common) same (reference or reset or clear or potent$5 or voltage)same (shift adj reg$7 or delay or retard or pause or (sr or jk)adj flip adj flop or flip adj flop or register) and (356/478.ccls. or 257/444.ccls. or 382/312.ccls. or 358/471,474,476,482,483,497.ccls. or 348/38,46,229.1,230.1, "249,272,282,294,295".ccls.)	USPAT	OR	OFF	2009/07/20 00:19
S39	1	(Conver$5 or sensor or ccd or ic or photo adj conversion or photo adj electric)with (array or elements) with (switch$4 or gat$5 or select$4) with (channel or line or lead or common) same (reference or reset or clear or potent$5 or voltage)same (shift adj reg$7 or delay or retard or pause or (sr or jk)adj flip adj flop or flip adj flop or register) and yokomichi.inv.	USPAT	OR	OFF	2009/07/20 00:27
S40	1	"20030179676"	USPAT	OR	OFF	2009/07/20 12:06
S41	1	"20030133369"	USPAT	OR	OFF	2009/07/20 12:10
S42	15	ram near3 "34" and buffer near2 manager near3 "37" and optical near3 (disk) near3 "15"	USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/20 12:28
S43	64	ram near3 "34" and buffer near2 manager near3 "37" and optical near3 (disk) near3 "15"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/20 12:39
S44	49	ram near3 "34" and buffer near2 manager near3 "37" and optical near3 (disk) near3 "15" not S42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/20 12:40

S45	0	ram near3 "34" and buffer near2 manager near3 "37" and optical near3 (disk) near3 "15" not S42 and (negative or -) near3 (write)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/20 12:53
S46	3448	(yamaguchi.inv. and ricoh)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/20 12:54
S47	1394	(yamaguchi.inv. and ricoh) and @ad<"19931119"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/20 12:54
S48	0	(yamaguchi.inv. and ricoh) and @ad<"19931119" and ram adj "34"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/20 12:55
S49	66	ricoh and ram adj "34"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/20 12:55
S50	33	ricoh and ram adj "34" and (disk or disc) adj "15"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/20 12:57
S51	15	"5072310"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/20 13:01
S52	8	"5404479"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/20 13:03
S53	63	(ram or rom) adj "34" and optical adj disk adj "15"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/20 13:12
S54	23	(ram or rom) adj "34" and optical adj disk adj "15" and (predetermined adj amount)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/20 13:13

S55	63	(ram or rom) adj "34" and optical adj disk adj "15" and manager adj "37"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/20 13:13
S56	104993	(sensor or scan$4 or read$4 or bar adj code or glyph adj code) near (read$4 or scan$$) (tag or barcode or patch or glyph or interface or identif$5) near7 (position or orienttion or angle or palce or section) and (rusman.inv. or silverbrook.inv. or lapston. inv. or walsmley.inv.)	USPAT	OR	OFF	2009/07/20 13:18
S57	1	(ram or rom) adj "34" and optical adj disk adj "15" and manager adj "37" and S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/20 13:18
S58	52	(ram or rom) adj "34" and optical adj disk adj "15" and manager adj "37" and write	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/20 13:18
S59	1	(ram or rom) adj "34" and optical adj disk adj "15" and manager adj "37" and write and S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/20 13:20
S60	1	(ram or rom) adj "34" and optical adj disk adj "15" and manager adj "37" and S56	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/20 13:21
S61	13	(ram or rom) adj "34" and optical adj disk adj "15" and manager adj "37" and "s1"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/20 13:22
S62	279	(imager or scanner or copier or reader or ccd or camera or (scan$4 or read$4) adj(device or machine or apparatus or unit)) with (first or primary or a or main or 1st) near4 (memory or buffer or register or directory or cashe or cache) same (root or overflow or remote or second or auxilliary or another or different or 2nd or 3rd or third or back adj up) near5 (memory or buffer or register or directory or chache or chashe) with (control or mpu or microprocess$4 or address$4) and @ad<"19930301"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/20 13:37
S63	0	(video or image or sound or picture or text) near5 (sensor or reader or reading or scanner or scanning or copier or ccd or photocell or potosensor or camera) with (memory or buffer or register or store or storage or storing or rom or cache or zip or disk or disc or flash or directory) near4 (control$4 or process$4 or mpu or microprocess$4 or address$4) with (upper or lower or max or maximiz$4 or exceed or greater or more or full) near4 (memory of buffer or register or stor$4 or rom or chache or zip or disk or disc or flash or directory) and @ad<"1992119"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/20 14:03
S64	0	(video or image or sound or picture or text) near5 (sensor or reader or reading or scanner or scanning or copier or ccd or photocell or photosensor or camera) with (memory or buffer or register or store or storage or storing or rom or cache or zip or disk or disc or flash or directory) near4 (control$4 or process$4 or mpu or microprocess$4 or address$4) with (upper or lower or max or maximiz$4 or exceed or greater or more or full) near4 (memory of buffer or register or stor$4 or rom or chache or zip or disk or disc or flash or directory) and @ad<"1992119"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/20 14:05
S65	681	(video or image or sound or picture or text) near5 (sensor or reader or reading or scanner or scanning or copier or ccd or photocell or photosensor or camera) with (memory or buffer or register or store or storage or storing or rom or cache or zip or disk or disc or flash or directory) near4 (control$4 or process$4 or mpu or microprocess$4 or address$4) with (upper or lower or max or maximiz$4 or exceed or greater or more or full) near4 (memory of buffer or register or stor$4 or rom or chache or zip or disk or disc or flash or directory)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/20 14:05

S66	113	(video or image or sound or picture or text) near5 (sensor or reader or reading or scanner or scanning or copier or ccd or photocell or photosensor or camera) with (memory or buffer or register or store or storage or storing or rom or cache or zip or disk or disc or flash or directory) near4 (control$4 or process$4 or mpu or microprocess$4 or address$4) with (upper or lower or max or maximiz$4 or exceed or greater or more or full) near4 (memory of buffer or register or stor$4 or rom or chache or zip or disk or disc or flash or directory) and @ad<"19931119"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	OR	OFF	2009/07/20 14:06
S67	151	(scan$4 or read$4 or camera or copier) with (sheet or film or paper or page or document) with (modem or transmi$6 or computer or server or ncu) with (user or client or operator or person$4) same (file or image or job or batch) near5 (name or identification or dummy or address) and @ad<"20041229"	USPAT	OR	OFF	2009/08/03 08:27
S68	142	(scan$4 or read$4 or camera or copier) with (sheet or film or paper or page or document) with (modem or transmi$6 or computer or server or ncu) with (user or client or operator or person$4) same (file or image or job or batch) near5 (name or identification or dummy or address) and @ad<"20041229" and (upper or max$8 or low$4 or least)	USPAT	OR	OFF	2009/08/03 08:32
S69	1	"5017988".pn.	USPAT	OR	OFF	2009/08/04 20:24
S70	0	"20030170417".pn.	USPAT	OR	OFF	2009/08/04 20:36
S71	0	"20030170417"	USPAT	OR	OFF	2009/08/04 20:36
S72	1	"20030170417"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/04 20:36
S73	134116	(surface or plan$4) near3 (rough$4 or texture) and @ad<"20050105"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/04 20:42
S74	48	(surface or plan$4) near3 (rough$4 or texture) with (less or fewer)near3 (1s or 2s or ".5s" or ".4s" or ".3s" or ".2s" or (".5" or ".4" or ".3" or ".2" or ".1") near2 (micrometer or mu adj meter or (10e-9 or 10e-6))) and @ad<"20050105"	US-PGPUB; USPAT; USOCR	OR	OFF	2009/08/04 20:51
S75	1	"7321449".pn.	USPAT	OR	OFF	2009/08/05 09:14
S76	1725454	(fuser or heater or heating or drum near3 (toner or ink or cartridge)) and @ad<"20020510"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/05 16:46
S77	210	(fuser or heater or drum near3 (toner or ink or cartridge)) with (pivot$4 or rotat$6 or axis or spin$4) same (developer) and (color or hue or red or green or blue) near3 (forming or print$4 or record$4) and @ad<"20020510"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/05 16:49
S78	1098	(fuser or heater or drum near3 (toner or ink or cartridge)) with (pivot$4 or rotat$6 or axis or spin$4) same (developer heat$4 or fuser) and (color or hue or red or green or blue) near3 (forming or print$4 or record$4) and @ad<"20020510"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/05 17:15
S79	721	(fuser or heater or drum near3 (toner or ink or cartridge)) with (pivot$4 or rotat$6 or axis or spin$4) near9 (developer heat$4 or fuser) and (color or hue or red or green or blue) near3 (forming or print$4 or record$4) and @ad<"20020510"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/05 17:15

S80	633	(fuser or heater or drum near3 (toner or ink or cartridge)) with (pivot$4 or rotat$6 or axis or spin$4) near9 (developer heat$4 or fuser) and (color or hue or red or green or blue) near3 (forming or print$4 or record$4) and @ad<"20020510" not S77	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/05 17:16
S81	416	(developer heat$4 or fuser)near9(fuser or heater or drum near3 (toner or ink or cartridge)) with (pivot$4 or rotat$6 or axis or spin$4) and (color or hue or red or green or blue) near3 (forming or print$4 or record$4) and @ad<"20020510" not S77	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/05 17:17
S82	1	"7302111".pn.	USPAT	OR	OFF	2009/08/08 22:33
S83	1954	(calculat$5 or determin$5 or estimat$6 or approximat$5 or evaluat$5) near4 (sub near2 (pixel or voxel or pel or area or region) or (partial or variable) near1 (pixel or pel or region or area)) and @ad<"20010912"	USPAT	OR	OFF	2009/08/08 22:50
S84	703	(calculat$5 or determin$5 or estimat$6 or approximat$5 or evaluat$5) near4 (pixel or pell or voxel) with (sub near2 (pixel or voxel or pel or area or region) or (partial or variable) near1 (pixel or pel or region or area)) and @ad<"20010912"	USPAT	OR	OFF	2009/08/08 22:51
S85	181	(calculat$5 or determin$5 or estimat$6 or approximat$5 or evaluat$5) near4 (pixel or pell or voxel) near4 (value or level or number or integer) with (sub near2 (pixel or voxel or pel or area or region) or (partial or variable) near1 (pixel or pel or region or area)) and @ad<"20010912"	USPAT	OR	OFF	2009/08/08 22:58
S86	0	"4758965"".pn"	USPAT	OR	OFF	2009/08/08 23:40
S87	0	"4758965"".pn."	USPAT	OR	OFF	2009/08/08 23:40
S88	0	"4758965.pn."	USPAT	OR	OFF	2009/08/08 23:41
S89	1	"4758965".pn.	USPAT	OR	OFF	2009/08/08 23:41
S90	1	"4879605".pn.	USPAT	OR	OFF	2009/08/08 23:42
S91	1	"4908780".pn.	USPAT	OR	OFF	2009/08/08 23:42
S92	1	"5103101".pn.	USPAT	OR	OFF	2009/08/08 23:44
S93	1	"5278949".pn.	USPAT	OR	OFF	2009/08/08 23:44
S94	1	"5323002".pn.	USPAT	OR	OFF	2009/08/08 23:45
S95	1	"5504504".pn.	USPAT	OR	OFF	2009/08/08 23:46
S96	1	"5533170".pn.	USPAT	OR	OFF	2009/08/08 23:46
S97	1	"5586199".pn.	USPAT	OR	OFF	2009/08/08 23:47
S98	1	"5589851".pn.	USPAT	OR	OFF	2009/08/08 23:48
S99	1	"5594854".pn.	USPAT	OR	OFF	2009/08/08 23:49

S100	1	"5671297".pn.	USPAT	OR	OFF	2009/08/08 23:51
S101	1	"5673376".pn.	USPAT	OR	OFF	2009/08/08 23:52
S102	1	"5684510".pn.	USPAT	OR	OFF	2009/08/08 23:53
S103	1	"5822504".pn.	USPAT	OR	OFF	2009/08/08 23:55
S104	1	"5872902".pn.	USPAT	OR	OFF	2009/08/08 23:55
S105	1	"5903273".pn.	USPAT	OR	OFF	2009/08/08 23:56
S106	588	(calculat$5 or determin$5 or estimat$6 or approximat$5 or evaluat$5) near4 (pixel or pell or voxel) near4 (value or level or number or integer) with (sub near2 (pixel or voxel or pel or area or region) or (partial or variable) near1 (pixel or pel or region or area) or map or lut or filter) not S85 and @ad<"20010912"	USPAT	OR	OFF	2009/08/08 23:59
S107	472	(calculat$5 or determin$5 or estimat$6 or approximat$5 or evaluat$5) near4 (pixel or pell or voxel) near4 (value or level or number or integer) near8 (sub near2 (pixel or voxel or pel or area or region) or (partial or variable) near1 (pixel or pel or region or area) or map or lut or filter) not S85 and @ad<"20010912"	USPAT	OR	OFF	2009/08/09 00:07
S108	1	(calculat$5 or determin$5 or estimat$6 or approximat$5 or evaluat$5) near4 (pixel or pell or voxel) with (value or level or number or integer) with (sub near2 (pixel or voxel or pel or area or region) or (partial or variable) near1 (pixel or pel or region or area) or map or lut or filter) not S85 and ("olsson.inv" or gustavson.inv. or sandstrom.inv.)	USPAT	OR	OFF	2009/08/09 00:59
S109	621	(platen or document or sheet or page or paper or manuscript)near5 (cover or adf or automatic adj document or protect$4) near5 (led or light adj emi$7 or illuminat$4 or lamp) and @ad<"20060228"	USPAT	OR	OFF	2009/08/09 18:57
S110	485	(platen or document or sheet or page or paper or manuscript)near5 (cover or adf or automatic adj document or protect$4) near5 (led or light adj emi$7 or illuminat$4 or lamp) and @ad<"20060228" and (read$4 or copier or printer or facsimile or fax)	USPAT	OR	OFF	2009/08/09 19:12
S111	557	(platen or document or sheet or page or paper or manuscript)near5 (cover or adf or automatic adj document or protect$4) near5 (led or light adj emi$7 or illuminat$4 or lamp) and @ad<"20060228" and (read$4 or copier or scan$4 or camera or print$4 or facsimile or fax or ccd or sensor)	USPAT	OR	OFF	2009/08/09 19:13
S112	871	(platen or document or sheet or page or paper or manuscript)near5 (lid or pivot or rotat$5 or up or ris$4 or cover)near5 (led or light adj emi$7 or illuminat$4 or lamp) and @ad<"20060228" and (read$4 or copier or scan$4 or camera or print$4 or facsimile or fax or ccd or sensor) not S111	USPAT	OR	OFF	2009/08/09 20:46
S113	697	(platen or document or sheet or page or paper or manuscript)near5 (lid or pivot or rotat$5 or up or ris$4 or cover)near3 (led or light adj emi$7 or illuminat$4 or lamp) and @ad<"20060228" and (read$4 or copier or scan$4 or camera or print$4 or facsimile or fax or ccd or sensor) not S111	USPAT	OR	OFF	2009/08/09 20:47
S114	9184	(platen or document or sheet or page or paper or manuscript)near5 (lid or pivot or rotat$5 or up or ris$4 or cover)near3 (led or light adj emi$7 or illuminat$4 or lamp) and @ad<"20060228" and (read$4 or copier or scan$4 or camera or print$4 or facsimile or fax or ccd or sensor) (382/254, "274".ccls. or 358/509,510,449,513,452,463,475,480.ccls. or 399/4,16,17,363.ccls. or 355/67,70,83.ccls.)	USPAT	OR	OFF	2009/08/09 21:06
S115	60	(platen or document or sheet or page or paper or manuscript)near5 (lid or pivot or rotat$5 or up or ris$4 or cover)near3 (led or light adj emi$7 or illuminat$4 or lamp) and @ad<"20060228" and (read$4 or copier or scan$4 or camera or print$4 or facsimile or fax or ccd or sensor) and (382/254, "274".ccls. or 358/509,510,449,513,452,463,475,480.ccls. or 399/4,16,17,363.ccls. or 355/67,70,83.ccls.)	USPAT	OR	OFF	2009/08/09 21:06
S116	1	(platen or document or sheet or page or paper or manuscript)near5 (lid or pivot or rotat$5 or up or ris$4 or cover)near3 (led or light adj emi$7 or illuminat$4 or lamp) and @ad<"20060228" and (read$4 or copier or scan$4 or camera or print$4 or facsimile or fax or ccd or sensor) and (shoda.inv. or ide.inv. or hashizume.inv.)	USPAT	OR	OFF	2009/08/09 21:12
S117	192978	@ad<"20060228" and (read$4 or copier or scan$4 or camera or print$4 or facsimile or fax or ccd or sensor) near6 (difference or threshold or background or variation or change) enar5 (intensity or luminance or brightness) with (cover or lid)	USPAT	OR	OFF	2009/08/09 21:15
S118	12	@ad<"20060228" and (read$4 or copier or scan$4 or camera or print$4 or facsimile or fax or ccd or sensor) near6 (difference or threshold or background or variation or change) near5 (intensity or luminance or brightness) with (cover or lid)	USPAT	OR	OFF	2009/08/09 21:15

S119	204	(scan$4 or read$4 or copier or transceiver) near9 9memory or buffer or stora$5 or register or cache or database) near8 (ncu or tcu or transmi$6 or network adj control$4) with (keyboard or keypad or icon or interface or button$4 or key$4) with (network or pstn or psn or isdn or public near2 network or privatenear2 network or web or internet) near8 (clinet or computer or palm adj pilot or cel$4 adj (phone or blackberry) and @ad<"20010323" and (358/407,452,401,505,403,426.05,400,404,475,443,448,1.6,1.15,1.16,3.07.ccls. or 382/312.ccls.)	USPAT	OR	OFF	2009/08/10 21:50
S120	111	(bi or two or dual or multi)near3 (level or value) with (contone or gray or grey) and (cmyk or cyan or yellow or magenta or black) and (decompress$4 or expan$5) and (halftone$4 or multi adj (layer or value or level)) and (print$4 or copier) and @ad<"19981109"	USPAT	OR	OFF	2009/08/11 12:12
S121	677	(bright$6 or illuminat$4 or light or intensity or lumens) near5 (measure$6 or detect$5 or determin$7 or analy$7) near5 (scan$4 or read$4 or cop$5 or driv$5 or convey$4 or feed$4 or fed$4) near3 (speed or rate or velocity) and @ad<"20040511"	USPAT	OR	OFF	2009/08/11 13:58
S122	1849	(ocr or scan$4 or read$4 or barcode adj read$4 (glymph or bar or tag or id or identification) near2 (read$4 or scan$4 or camera or sensor)) with (ir or infra adj red or invisible or ultra adj violet) near3 (ink or toner or laser or light or illuminat or led) and @ad<"20040402"	USPAT	OR	OFF	2009/08/12 10:54
S123	1093	(ocr or scan$4 or read$4 or barcode adj read$4 (glymph or bar or tag or id or identification) near2 (read$4 or scan$4 or camera or sensor)) with (ir or infra adj red or invisible or ultra adj violet) near3 (ink or toner or laser or light or illuminat or led) and @ad<"20040402" and (mirror$$ or reflector$4 or deflector or modulator$4 or lens$4 or expander)	USPAT	OR	OFF	2009/08/12 10:56
S124	1093	(ocr or scan$4 or read$4 or barcode adj read$4 (glymph or bar or tag or id or identification) near2 (read$4 or scan$4 or camera or sensor)) with (ir or infra adj red or invisible or ultra adj violet) near3 (ink or toner or laser or light or illuminat or led) and @ad<"20040402" and (mirror$$ or reflector$4 or deflector or modulator$4 or lens$4 or expander)	USPAT	OR	OFF	2009/08/12 14:51
S125	0	(ocr or scan$4 or read$4 or barcode adj read$4 (glymph or bar or tag or id or identification) near2 (read$4 or scan$4 or camera or sensor)) with (ir or infra adj red or invisible or ultra adj violet) near3 (ink or toner or laser or light or illuminat or led) and @ad<"20040402" and (mirror$$ or reflector$4 or deflector or modulator$4 or lens$4 or expander) not S124 and (walmsely.inv. or rusman.inv. or lapstun.inv. or silverbrook.inv.)	USPAT	OR	OFF	2009/08/12 14:51
S126	102	@ad<"20031218" and (read$4 or scan$4 or ccd or sensor or adf or automatic adj (document or sheet or paper)) near3 (feed$4 or fed) with (plural or many or first or second or other or another or different or primary or seconary) near4 (job$4 or sets or batch$4 or file$4)	USPAT	OR	OFF	2009/08/13 00:54
S127	2	@ad<"20031218" and (read$4 or scan$4 or ccd or sensor or adf or automatic near4 (document or sheet or paper)) near4 (feed $4 or fed) same (plural or many or first or second or other or another or different or primary or seconary) near4 (job$4 or sets or batch$4 or file$4)near4 (display or monitor or crt or screen)	USPAT	OR	OFF	2009/08/13 00:57
S128	420	@ad<"20031218" and (read$4 or scan$4 or ccd or sensor or adf or automatic near4 (document or sheet or paper)) same (plural or many or first or second or other or another or different or primary or seconary) near4 (job$4 or sets or batch$4 or file $4)near4 (display or monitor or crt or screen)	USPAT	OR	OFF	2009/08/13 01:00
S129	226	@ad<"20031218" and (read$4 or scan$4 or ccd or sensor or adf or automatic near4 (document or sheet or page or paper)) with (plural or many or first or second or other or another or different or primary or seconary) near4 (job$4 or sets or batch$4 or file$4)near4 (display or monitor or crt or screen)	USPAT	OR	OFF	2009/08/13 01:02
S130	863	(calculat$4 or approximat$5 or estimat$5 or evaluat$5) near4 (polygon or edge or line or contour or curve) near4 (map or lut or filter) and @ad<"20010912"	USPAT	OR	OFF	2009/08/13 21:54
S131	43	(calculat$4 or approximat$5 or estimat$5 or evaluat$5) near4 (polygon or edge or line or contour or curve) near4 (map or lut or filter) near4 (pixel$4 or pel or voxel or bit) and @ad<"20010912"	USPAT	OR	OFF	2009/08/13 21:56
S132	114	(calculat$4 or approximat$5 or estimat$5 or evaluat$5) near6 (polygon or edge or line or contour or curve) near7 (map or lut or filter) near4 (pixel$4 or pel or voxel or bit) and @ad<"20010912"	USPAT	OR	OFF	2009/08/13 22:06
S133	71	(calculat$4 or approximat$5 or estimat$5 or evaluat$5) near6 (polygon or edge or line or contour or curve) near7 (map or lut or filter) near4 (pixel$4 or pel or voxel or bit) and @ad<"20010912" not S131	USPAT	OR	OFF	2009/08/13 22:12
S134	5	"7302111"	USPAT	OR	OFF	2009/08/13 22:41
S135	1933	(measur$5 or detect$4 or determin$5 or discriminat$4 or analys$5 or calculat$4) near4 (thick$4 or mil$4 or thin or height) near4 (paper or page or sheet or original or film or manuscript or bill or dollar or document)near6 (light or led or illumina$6 or light adj emi$6 adj diode or lamp or radiat$6) and @ad<"20060228"	USPAT	OR	OFF	2009/08/14 22:16
S136	1317	(measur$5 or detect$4 or determin$5 or discriminat$4 or analys$5 or calculat$4) near3 (thick$4 or mil$4 or thin or height) near4 (paper or page or sheet or original or film or manuscript or bill or dollar or document)near4 (light or led or illumina$6 or light adj emi$6 adj diode or lamp or radiat$6) and @ad<"20060228"	USPAT	OR	OFF	2009/08/14 22:17

S137	338	(measur$5 or detect$4 or determin$5 or discriminat$4 or analys$5 or calculat$4) near3 (thick$4 or mil$4 or thin or height) near4 (paper or page or sheet or original or film or manuscript or bill or dollar or document)same (light or led or illumina$6 or light adj emi$6 adj diode or lamp or radiat$6)near5 (sensor or ccd or photodiode or photosensor or photodetector or camera) and @ad<"20060228"	USPAT	OR	OFF	2009/08/14 22:19
S138	114	(measur$5 or detect$4 or determin$5 or discriminat$4 or analys$5 or calculat$4) near3 (thick$4 or mil$4 or thin or height) near4 (paper or page or sheet or original or manuscript or bill or dollar or document)same (light or led or illumina$6 or light adj emi$6 adj diode or lamp or radiat$6)near5 (sensor or ccd or photodiode or photosensor or photodetector or camera) and @ad<"20060228"	USPAT	OR	OFF	2009/08/14 22:26
S139	605	(background or foreground) near3 (correct$4 or modif$7 or adjust$4 or alter$6 or chang$5)same (formula or expression or algebra$5 or equation) and @ad<"20060228"	USPAT	OR	OFF	2009/08/15 12:37
S140	192	(background or foreground) near3 (correct$4 or modif$7 or adjust$4 or alter$6 or chang$5)with (formula or expression or algebra$5 or equation) and @ad<"20060228"	USPAT	OR	OFF	2009/08/15 12:37
S141	11	(background or foreground) near3 (correct$4 or modif$7 or adjust$4 or alter$6 or chang$5) same(ccd or sensor or camera or photo adj (diode or sensor or electric or conver$4)) and @ad<"20060228"	USPAT	OR	OFF	2009/08/15 12:38
S142	7518	(ccd or sensor or camera or photo adj (diode or sensor or electric or conver$4)) near3 (correct$4 or modif$7 or adjust$4 or alter$6 or chang$5)with (middle or end or center or first or last) near5(ccd or sensor or camera or photo adj (diode or sensor or electric or conver$4)) and @ad<"20060228"	USPAT	OR	OFF	2009/08/15 13:00
S143	5831	(ccd or sensor or camera or photo adj (diode or sensor or electric or conver$4)) near3 (correct$4 or modif$7 or adjust$4 or alter$6 or chang$5)near6 (middle or end or center or first or last) near3(ccd or sensor or camera or photo adj (diode or sensor or electric or conver$4)) and @ad<"20060228"	USPAT	OR	OFF	2009/08/15 13:00
S144	5580	(correct$4 or modif$7 or adjust$4 or alter$6 or chang$5)near3 (middle or end or center or first or last) near4(ccd or sensor or camera or photo adj (diode or sensor or electric or conver$4)) and @ad<"20060228"	USPAT	OR	OFF	2009/08/15 13:01
S145	745	(correct$4 or modif$7 or adjust$4 or alter$6 or chang$5)near3 (middle or end or center or first or last) near4 (region or section or position or location) near4(ccd or sensor or camera or photo adj (diode or sensor or electric or conver$4)) and @ad<"20060228"	USPAT	OR	OFF	2009/08/15 13:03
S146	32	(correct$4 or modif$7 or adjust$4 or alter$6 or chang$5)near3 (middle or end or center or first or last or portion) near4 (region or section or position or location) near4(ccd or sensor or camera or photo adj (diode or sensor or electric or conver$4)) and @ad<"20060228" and (cocument or page or paper or sheet or original or manuscript)near6 (copier or fax or facsimile or transceiver or photocopier or scanner)	USPAT	OR	OFF	2009/08/15 13:05
S147	28	(correct$4 or modif$7 or adjust$4 or alter$6 or chang$5)near5 (middle or end or center or first or last or portion) near5 (region or section or position or location) near4(ccd or sensor or camera or photo adj (diode or sensor or electric or conver$4)) and @ad<"20060228" and (cocument or page or paper or sheet or original or manuscript)near6 (copier or fax or facsimile or transceiver or photocopier or scanner) not S146	USPAT	OR	OFF	2009/08/15 13:09
S148	11703	(scan$4 or read$4 or copier or copying or imager or sensor) with (plural$4 or many or other or different or multiple or array or line)near5 (laser or light adj amplitude adj stimula$5 or led or illuminat$5) same (lens or optic$4 or mirror or reflect$5 or rod) and @ad<"20060706"	USPAT	OR	OFF	2009/08/21 12:05
S149	3963	(scan$4 or read$4 or copier or copying or imager or sensor) near5(plural$4 or many or other or different or multiple or array or line)near4 (laser or light adj amplitude adj stimula$5 or led or illuminat$5) near6 (lens or optic$4 or mirror or reflect$5 or rod) and @ad<"20060706"	USPAT	OR	OFF	2009/08/21 12:09
S150	625	(scan$4 or read$4 or copier or copying or imager or sensor) near5(plural$4 or many or other or different or multiple or array or line)near4 (laser or light adj amplitude adj stimula$5 or led or illuminat$5) near6 (lens or optic$4) with (mirror or reflect$5) and @ad<"20060706"	USPAT	OR	OFF	2009/08/21 12:10
S151	1	(scan$4 or read$4 or copier or copying or imager or sensor) near5(plural$4 or many or other or different or multiple or array or line)near4 (laser or light adj amplitude adj stimula$5 or led or illuminat$5) near6 (lens or optic$4) with (mirror or reflect$5) and (shu.inv. or wen.inv. or chen.inv. or chu.inv. or wong.inv.)	USPAT	OR	OFF	2009/08/21 13:17
S152	123	(scan$4 or read$4 or copier or copying or imager or sensor) near5(plural$4 or many or other or different or multiple or array or line)near4 (laser or light adj amplitude adj stimula$5 or led or illuminat$5) near6 (lens or optic$4) with (mirror or reflect$5) and (358/474,475,505,508,509,513,481.ccls. or 347/232,233,244.ccls. or 359/210.1,210.2,213.1,224.2,226.1,204.1,204.2,204.4.ccls. or 250/341.7,342,349,367,559.06,559.07,559.08.ccls.)	USPAT	OR	OFF	2009/08/21 13:38
S153	27319	((scan$4 or read$4 or copier or scan$4 or fax or facsimile) near4 (module or cartridge or unit or device or machine) or contact adj image adj sensor or cis) with (pulley or motor or drive or belt) and @ad<"20060613"	USPAT	OR	OFF	2009/08/21 13:46

S154	1251263	((scan$4 or read$4 or copier or scan$4 or fax or facsimile) near4 (module or cartridge or unit or device or machine) or contact adj image adj sensor or cis) near9 (pulley or gear) with (belt) or (motor or drive) and @ad<"20060613"	USPAT	OR	OFF	2009/08/21 13:47
S155	51	((scan$4 or read$4 or copier or scan$4 or fax or facsimile) near4 (module or cartridge or unit or device or machine) or contact adj image adj sensor or cis) near9 (pulley or gear) with (belt) with (motor or drive) and @ad<"20060613"	USPAT	OR	OFF	2009/08/21 13:48
S156	339	((scan$4 or read$4 or copier or scan$4 or fax or facsimile) near4 (module or cartridge or unit or device or machine) or contact adj image adj sensor or cis) same (pulley or gear) with (belt) with (motor or drive) and @ad<"20060613" not S155	USPAT	OR	OFF	2009/08/21 13:57
S157	35	((scan$4 or read$4 or copier or scan$4 or fax or facsimile) near4 (module or cartridge or unit or device or machine) or contact adj image adj sensor or cis) same (pulley or gear) with (belt) with (motor or drive) and @ad<"20060613" not S155 and (358/494,497,475.ccls.)	USPAT	OR	OFF	2009/08/21 14:09
S158	3063	(scan$4 or read$4 or sensor or copier or ccd or camera or fax or facsimile or photo near4 (diode or sensor or electric)) near6 (analy$5 or process$5 or correct$5 or adjust$6 or modif$7) near6 (compress$4 or encod$5) near8 (register or stor$5 or caxhe or cache or memory or flush or buffer) and @ad<"20060609"	USPAT	OR	OFF	2009/08/21 15:10
S159	62017	(scan$4 or read$4 or sensor or copier or ccd or camera or fax or facsimile or photo near4 (diode or sensor or electric)) with (register or stor$5 or cashe or cache or memory or flush or buffer) near6 (designat$4 or address$4 or control$5) with (print$4 or record$5 or output$4)	USPAT	OR	OFF	2009/08/21 15:19
S160	900	(scan$4 or read$4 or sensor or copier or ccd or camera or fax or facsimile or photo near4 (diode or sensor or electric)) with (register or stor$5 or cashe or cache or memory or flush or buffer) near6 (designat$4 or address$4 or control$5) with (print$4 or record$5 or output$4) and S158	USPAT	OR	OFF	2009/08/21 15:20
S161	3127	(scan$4 or read$4 or sensor or copier or ccd or camera or fax or facsimile or photo near4 (diode or sensor or electric)) near6 (analy$5 or process$5 or correct$5 or adjust$6 or modif$7) near6 (compress$4 or encod$5) near9 (register or stor$5 or cashe or cache or memory or flush or buffer) and @ad<"20060609"	USPAT	OR	OFF	2009/08/21 15:26
S162	41350	(scan$4 or read$4 or sensor or copier or ccd or camera or fax or facsimile or photo near4 (diode or sensor or electric)) with (register or stor$5 or cashe or cache or memory or flush or buffer) near6 (designat$4 or address$4 or control$5) near6 (print$4 or record$5 or output$4)	USPAT	OR	OFF	2009/08/21 15:29
S163	679	(scan$4 or read$4 or sensor or copier or ccd or camera or fax or facsimile or photo near4 (diode or sensor or electric)) near6 (analy$5 or process$5 or correct$5 or adjust$6 or modif$7) near6 (compress$4 or encod$5) near9 (register or stor$5 or cashe or cache or memory or flush or buffer) and @ad<"20060609" and S162	USPAT	OR	OFF	2009/08/21 15:33
S164	2619	(read$4 or copier or fax or facsimile or scan$4 or camera or ccd or photo adj (diode or cell or electric$4)) near9 (preview or rough or thumbnail or sketch or low adj resolution)near3 (image or picture or data or original or document or manuscript) and @ad<"20060605"	USPAT	OR	OFF	2009/08/23 19:38
S165	1968	(read$4 or copier or fax or facsimile or scan$4 or camera or ccd or photo adj (diode or cell or electric$4)) near5 (preview or rough or thumbnail or sketch or low adj resolution)near3 (image or picture or data or original or document or manuscript) and @ad<"20060605"	USPAT	OR	OFF	2009/08/23 19:41
S166	2394116	(read$4 or copier or fax or facsimile or scan$4 or camera or ccd or photo adj (diode or cell or electric$4)) (select$4 or designat $4 or determin$4 or analy$5 or choice or chos$5 or switch$4)near4 (preview or rough or thumbnail or sketch or low adj resolution)near4 (image or picture or data or original or document or manuscript) and @ad<"20060605"	USPAT	OR	OFF	2009/08/23 19:51
S167	731	(read$4 or copier or fax or facsimile or scan$4 or camera or ccd or photo adj (diode or cell or electric$4)) same (select$4 or designat$4 or determin$4 or analy$5 or choice or chos$5 or switch$4)near4 (preview or rough or thumbnail or sketch or low adj resolution)near4 (image or picture or data or original or document or manuscript) and @ad<"20060605"	USPAT	OR	OFF	2009/08/23 19:52
S168	676	(read$4 or copier or fax or facsimile or scan$4 or camera or ccd or photo adj (diode or cell or electric$4)) same (select$4 or designat$4 or determin$4 or analy$5 or choice or chos$5 or switch$4)near4 (preview or rough or thumbnail or sketch or low adj resolution)near4 (image or picture or data or original or document or manuscript) and @ad<"20060605" and (screen or monitor or display or lcd or liquid adj crystal)	USPAT	OR	OFF	2009/08/23 19:58
S169	480	(read$4 or copier or fax or facsimile or scan$4 or camera or ccd or photo adj (diode or cell or electric$4)) same (select$4 or designat$4 or determin$4 or analy$5 or choice or chos$5 or switch$4)with (preview or rough or thumbnail or sketch or low adj resolution)near4 (image or picture or data or original or document or manuscript) and @ad<"20060605" and (screen or monitor or display or lcd or liquid adj crystal) and (adf or feed$4 or fed$4 or automatic adj (sheet or document) or convey$4)	USPAT	OR	OFF	2009/08/23 20:56
S170	206	S169 not S168	USPAT	OR	OFF	2009/08/23 20:56

S171	0	(read$4 or copier or fax or facsimile or scan$4 or camera or ccd or photo adj (diode or cell or electric$4)) same (select$4 or designat$4 or determin$4 or analy$5 or choice or chos$5 or switch$4)near4 (preview or rough or thumbnail or sketch or low adj resolution)near4 (image or picture or data or original or document or manuscript) and @ad<"20060605" and (screen or monitor or display or lcd or liquid adj crystal) and (sugimoto.inv. or yorimoto.inv. or shimoichi.inv. or minowa.inv.)	USPAT	OR	OFF	2009/08/23 21:06
S172	0	(read$4 or copier or fax or facsimile or scan$4 or camera or ccd or photo adj (diode or cell or electric$4)) same (select$4 or designat$4 or determin$4 or analy$5 or choice or chos$5 or switch$4)near4 (preview or rough or thumbnail or sketch or low adj resolution)near4 (image or picture or data or original or document or manuscript) and @ad<"20060605" and (sugimoto.inv. or yorimoto.inv. or shimoichi.inv. or minowa.inv.)	USPAT	OR	OFF	2009/08/23 21:08
S173	0	(read$4 or copier or fax or facsimile or scan$4 or camera or ccd or photo adj (diode or cell or electric$4)) near9 (preview or rough or thumbnail or sketch or low adj resolution)near3 (image or picture or data or original or document or manuscript) and @ad<"20060605" and (sugimoto.inv. or yorimoto.inv. or shimoichi.inv. or minowa.inv.)	USPAT	OR	OFF	2009/08/23 21:08
S174	350	(read$4 or copier or fax or facsimile or scan$4 or camera or ccd or photo adj (diode or cell or electric$4)) near9 (preview or rough or thumbnail or sketch or low adj resolution)near3 (image or picture or data or original or document or manuscript) and @ad<"20060605" and (358/474,475,496,498,497,443,727,400,401,408,448,452,468,474,475,505,501,496,497,498.ccls. or 355/407,408,47,48.ccls. or 271/3.08,3.14,3.18,8.1.ccls. or 382/295,296,297,298,312,318.ccls.)	USPAT	OR	OFF	2009/08/23 21:20
S175	268	(print$4 or record$4) near5 (adjust$5 or modif$7 or control$4 or regulat$5 or chang$4 or correct$4) near5 (rate or sheet or speed)near4 (document or page or paper or sheet or manuscript or original) near4 (convey$4 or feed$4 or fed or transport$4 or adf or transport$5 or automatic adj (sheet or document or page or paper) or transport$4 or convey$5 or feed or fed)with (scan $4 or read$4 or copier) and @ad<"20060605"	USPAT	OR	OFF	2009/08/24 00:54
S176	636	(print$4 or record$4) near5 (adjust$5 or modif$7 or control$4 or regulat$5 or chang$4 or correct$4) near5 (rate or sheet or speed)near4 (document or page or paper or sheet or manuscript or original) near4 (convey$4 or feed$4 or fed or transport$4 or adf or transport$5 or automatic adj (sheet or document or page or paper) or transport$4 or convey$5 or feed or fed)with (scan $4 or read$4 or copier) and @ad<"20060605"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/24 00:55
S177	521	(print$4 or record$4) near5 (adjust$5 or modif$7 or control$4 or regulat$5 or chang$4 or correct$4) near5 (rate or sheet or speed)near4 (document or page or paper or sheet or manuscript or original) near4 (convey$4 or feed$4 or fed or transport$4 or adf or transport$5 or automatic adj (sheet or document or page or paper) or transport$4 or convey$5 or feed or fed)near9 (scan $4 or read$4 or copier) and @ad<"20060605"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/24 00:57
S178	24	(print$4 or record$4 or output$4) near5 (adjust$5 or modif$7 or control$4 or regulat$5 or chang$4 or correct$4) near5 (rate or sheet or speed)near4 (document or page or paper or sheet or manuscript or original) near4 (convey$4 or feed$4 or fed or transport$4 or adf or transport$5 or automatic adj (sheet or document or page or paper) or transport$4 or convey$5 or feed or fed)near9 (scan$4 or read$4 or copier) and @ad< "20060605" not S177	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/24 01:21
S179	37	(358/474,475,496,498,497,443,727,400,401,408,448,452,468,474,475,505,501,496,497,498.ccls. or 355/407,408,47,48.ccls. or 271/3.08,3.14,3.18,8.1.ccls. or 382/295,296,297,298,312,318.ccls.) and S176	USPAT	OR	OFF	2009/08/24 01:25
S180	5	S176 and (ito.inv. or "kazama.inv")	USPAT	OR	OFF	2009/08/24 01:26
S181	1	"7233403".pn.	USPAT	OR	OFF	2009/08/24 01:58
S182	1	"7464335".pn.	USPAT	OR	OFF	2009/08/24 02:01
S183	0	muramatsu.inv. and print adj unit adj "1500"	USPAT	OR	OFF	2009/08/24 02:07
S184	1	"7120910".pn.	USPAT	OR	OFF	2009/08/24 07:06
S185	1	"7233403".pn.	USPAT	OR	OFF	2009/08/24 07:10

S186	56	Nakagiri.inv. and "1500" and "30"	USPAT	OR	OFF	2009/08/24 07:15
S187	94	"muramatsu".inv. and "118" and "116" and "122"	USPAT	OR	OFF	2009/08/24 07:28
S188	44	"muramatsu".inv. and "118" and "116" and "122" and "119" and "123" and "121" and "124"	USPAT	OR	OFF	2009/08/24 07:36
S189	1	"7464335".pn.	USPAT	OR	OFF	2009/08/24 08:24
S190	1	"7443447".pn.	USPAT	OR	OFF	2009/08/24 20:52
S191	3248	(scan$4 or read$4 or sensor or copier or ccd or camera o fax or facsimile or photo near4 (diode or sensor or electric)) near7 (analy$5 or process$5 or correct$5 or adjsut$5 or mdofi$8) near4 (compress$4 or encode$5) near5 (register or store or cashe or chache or memor or flash or stor$5 or buffer) and @ad<"20060609"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/30 23:36
S192	3176	(scan$4 or read$4 or sensor or copier or ccd or camera o fax or facsimile or photo near4 (diode or sensor or electric)) near5 (analy$5 or process$5 or correct$5 or adjsut$5 or mdofi$8) near4 (compress$4 or encode$5) near5 (register or store or cashe or chache or memory or flash or stor$5 or buffer) and @ad<"20060609"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/30 23:38
S193	360325	(scan$4 or read$4 or sensor or copier or ccd or camera or fax or facsimile or photo near4 (diode or sensor or electric)) near5 (analy$5 or process$5 or correct$5 or adjsut$5 or mdofi$8) near4 (compress$4 or encode$5) near5 (register or store or cashe or chache or memory or flash or stor$5 or buffer) and @ad<"20060609" and (scan$4 or read$4 or sensor or copier or ccd or camera or fax or facsimile or photo near4 (diode or sensor or electric))near6 (register or store or cashe or chache or memory or flash or stor$5 or buffer) ner6 (address$4 or controller or designat$6) same (print4 or record$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/30 23:39
S194	267	(scan$4 or read$4 or sensor or copier or ccd or camera or fax or facsimile or photo near4 (diode or sensor or electric)) near5 (analy$5 or process$5 or correct$5 or adjsut$5 or mdofi$8) near4 (compress$4 or encode$5) near5 (register or store or cashe or chache or memory or flash or stor$5 or buffer) and (scan$4 or read$4 or sensor or copier or ccd or camera or fax or facsimile or photo near4 (diode or sensor or electric))near6 (register or store or cashe or chache or memory or flash or stor$5 or buffer) near6 (address$4 or controller or designat$6) same (print4 or record$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/30 23:41
S195	2	(scan$4 or read$4 or sensor or copier or ccd or camera or fax or facsimile or photo near4 (diode or sensor or electric)) near5 (analy$5 or process$5 or correct$5 or adjsut$5 or mdofi$8) near4 (compress$4 or encode$5) near5 (register or store or cashe or chache or memory or flash or stor$5 or buffer) and (scan$4 or read$4 or sensor or copier or ccd or camera or fax or facsimile or photo near4 (diode or sensor or electric))near6 (register or store or cashe or chache or memory or flash or stor$5 or buffer) near6 (address$4 or controller or designat$6) same (print4 or record$4) and sasaki.inv.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/30 23:42
S196	19	(scan$4 or read$4 or sensor or copier or ccd or camera or fax or facsimile or photo near4 (diode or sensor or electric)) near5 (analy$5 or process$5 or correct$5 or adjsut$5 or mdofi$8) near4 (compress$4 or encode$5) near5 (register or store or cashe or chache or memory or flash or stor$5 or buffer) and (scan$4 or read$4 or sensor or copier or ccd or camera or fax or facsimile or photo near4 (diode or sensor or electric))near6 (register or store or cashe or chache or memory or flash or stor$5 or buffer) near6 (address$4 or controller or designat$6) same (print4 or record$4) and (382/166,232,244,312.ccls. or 358/1.1,1.11,1.15,1.16,1.14,474,475,401,443,448.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/08/30 23:44
S197	8731	(bistable or organic or obd or oled or organic adj (photodiode or sensor or layer or photo$5)) near5 (sensor or ccd or photodiode or reader or photosensor or photoconduct$5) and @ad<"20060503"	USPAT	OR	OFF	2009/09/04 10:21
S198	2595	(bistable or organic or obd or oled or organic adj (photodiode or sensor or layer or photo$5)) near3 (sensor or ccd or photodiode or reader or photosensor or photoconduct$5) and (scan$4 or read$4 or cop$5)near4 (document or page or paper or sheet or manuscript or book or film) and @ad<"20060503"	USPAT	OR	OFF	2009/09/04 10:23

S199	2658	(bistable or organic or obd or oled or organic adj (photodiode or sensor or layer or photo$5)) near3 (sensor or ccd or photodiode or reader or photosensor or photoconduct$5) and (scan$4 or read$4 or cop$5) near4 (document or page or paper or sheet or manuscript or book or film)	USPAT	OR	OFF	2009/09/04 10:27
S200	1459	S199 and (two or "2" or "3" or second or 2nd or three or multi or multiple or plural$4) near3 layer and @ad<"20060503"	USPAT	OR	OFF	2009/09/04 10:29
S201	84	(bistable or organic or obd or oled or organic adj (photodiode or sensor or layer or photo$5)) near3 (sensor or ccd or photodiode or reader or photosensor or photoconduct$5) and (scan$4 or read$4 or cop$5) near4 (document or page or paper or sheet or manuscript or book or film) and (two or "2" or "3" or second or 2nd or three or multi or multiple or plural$4) near3 layer near7 (bistable or organic or obd or oled or organic adj (photodiode or sensor or layer or photo$5)) near3 (sensor or ccd or photodiode or reader or photosensor or photoconduct$5) and @ad<"20060503"	USPAT	OR	OFF	2009/09/04 10:31
S202	85	(bistable or organic or obd or oled or organic adj (photodiode or sensor or layer or photo$5)) near3 (sensor or ccd or photodiode or reader or photosensor or photoconduct$5) and (scan$4 or read$4 or cop$5) near4 (document or page or paper or sheet or manuscript or book or film) and (two or "2" or "3" or second or 2nd or three or multi or multiple or plural$4) near3 layer near7 (bistable or organic or obd or oled or organic adj (photodiode or sensor or layer or photo$5)) near5 (sensor or ccd or photodiode or reader or photosensor or photoconduct$5) and @ad<"20060503"	USPAT	OR	OFF	2009/09/04 10:45
S203	85	(bistable or organic or obd or oled or organic near3 (photodiode or sensor or layer or photo$5)) near3 (sensor or ccd or photodiode or reader or photosensor or photoconduct$5) and (scan$4 or read$4 or cop$5) near4 (document or page or paper or sheet or manuscript or book or film) and (two or "2" or "3" or second or 2nd or three or multi or multiple or plural$4) near3 layer near7 (bistable or organic or obd or oled or organic adj (photodiode or sensor or layer or photo$5)) near5 (sensor or ccd or photodiode or reader or photosensor or photoconduct$5) and @ad<"20060503"	USPAT	OR	OFF	2009/09/04 11:05
S204	97	(bistable or organic or obd or oled or organic near3 (photodiode or sensor or layer or photo$5)) near3 (sensor or ccd or photodiode or reader or photosensor or photoconduct$5) and (scan$4 or read$4 or cop$5) near4 (document or page or paper or sheet or manuscript or book or film) and (two or "2" or "3" or second or 2nd or three or multi or multiple or plural$4) near3 layer near7 (bistable or organic or obd or oled or organic adj (photodiode or sensor or layer or photo$5)) near5 (sensor or ccd or photodiode or reader or photosensor or photoconduct$5) and @ad<"20060503"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/04 11:06
S205	0	(bistable or organic or obd or oled or organic near3 (photodiode or sensor or layer or photo$5)) near3 (sensor or ccd or photodiode or reader or photosensor or photoconduct$5) and (scan$4 or read$4 or cop$5) near4 (document or page or paper or sheet or manuscript or book or film) and (two or "2" or "3" or second or 2nd or three or multi or multiple or plural$4) near3 layer near7 (bistable or organic or obd or oled or organic adj (photodiode or sensor or layer or photo$5)) near5 (sensor or ccd or photodiode or reader or photosensor or photoconduct$5) and (brabec.inv. or patzoid.inv. or "tschamber.inv")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/04 11:36
S206	0	(bistable or organic or obd or oled or organic near3 (photodiode or sensor or layer or photo$5)) near3 (sensor or ccd or photodiode or reader or photosensor or photoconduct$5) and (scan$4 or read$4 or copier or copying) near4 (document or page or paper or sheet or manuscript or book or film) and (two or "2" or "3" or second or 2nd or three or multi or multiple or plural $4) near3 layer near7 (bistable or organic or obd or oled or organic adj (photodiode or sensor or layer or photo$5)) near5 (sensor or ccd or photodiode or reader or photosensor or photoconduct$5) and (358/474,475,482,483,473,484, "496,497,300,302".ccls. or 430/14,15,57.1,269,270.16,273.1 or 369/13.24,13.39,13.4.ccls. or 365/10,87,161,174,175,180.ccls. or 355/81,84.ccls)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/04 11:51
S207	3	(bistable or organic or obd or oled or organic near3 (photodiode or sensor or layer or photo$5)) near3 (sensor or ccd or photodiode or reader or photosensor or photoconduct$5) and (scan$4 or read$4 or copier or copying) near4 (document or page or paper or sheet or manuscript or book or film) and (two or "2" or "3" or second or 2nd or three or multi or multiple or plural $4) near3 layer near7 (bistable or organic or obd or oled or organic adj (photodiode or sensor or layer or photo$5)) near5 (sensor or ccd or photodiode or reader or photosensor or photoconduct$5) and (358/474,475,482,483,473,484,496,497,300,302".ccls. or 430/14,15,57.1,269,270.16,273.1 or 369/13.24,13.39,13.4.ccls. or 365/10,87,161,174,175,180.ccls. or 355/81,84.ccls)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/09/04 12:00

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